

(FILE 'USPAT' ENTERED AT 08:32:00 ON 24 FEB 1999)

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|----|--------------------------------|
| L1 | 57 S DOCUMENT COLLECTION       |
| L2 | 38 S L1 AND INDEX?             |
| L3 | 33 S L2 AND INFORMATION        |
| L4 | 0 S L3 AND (ELECTRONIC FOLDER) |
| L5 | 0 S L1 AND ELECTRONIC FOLDER?  |
| L6 | 534 S ELECTRONIC DOCUMENT      |
| L7 | 44 S L6 AND FOLDER             |
| L8 | 7 S L7 AND INDEX               |
| L9 | 2 S L8 AND ATTRIBUTE           |

=> d 13 1-33

1. 5,873,107, Feb. 16, 1999, System for automatically retrieving **information** relevant to text being authored; Richard D. Borovoy, et al., 707/501, 3, 530 [IMAGE AVAILABLE]
2. 5,873,080, Feb. 16, 1999, Using multiple search engines to search multimedia data; Anni Rosa Coden, et al., 707/3, 4, 5, 6, 102, 104 [IMAGE AVAILABLE]
3. 5,870,552, Feb. 9, 1999, Method and apparatus for publishing hypermedia documents over wide area networks; Linda T. Dozier, et al., 707/501 [IMAGE AVAILABLE]
4. 5,852,822, Dec. 22, 1998, **Index**-only tables with nested group keys; Jagannathan Srinivasan, et al., 707/4, 3, 6, 201 [IMAGE AVAILABLE]
5. 5,845,278, Dec. 1, 1998, Method for automatically selecting collections to search in full text searches; Steven T. Kirsch, et al., 707/3, 1, 4, 5, 102, 103 [IMAGE AVAILABLE]
6. 5,835,905, Nov. 10, 1998, System for predicting documents relevant to focus documents by spreading activation through network representations of a linked collection of documents; Peter L. Pirolli, et al., 707/3, 5, 102 [IMAGE AVAILABLE]
7. 5,826,261, Oct. 20, 1998, System and method for querying multiple, distributed databases by selective sharing of local relative significance **information** for terms related to the query; Graham Spencer, 707/5, 1, 2, 3, 10 [IMAGE AVAILABLE]
8. 5,826,260, Oct. 20, 1998, **Information** retrieval system and method for displaying and ordering **information** based on query element contribution; Roy Jefferson Byrd, Jr., et al., 707/5 [IMAGE AVAILABLE]
9. 5,819,260, Oct. 6, 1998, Phrase recognition method and apparatus; Xin Allan Lu, et al., 707/3, 1, 4, 5 [IMAGE AVAILABLE]
10. 5,819,258, Oct. 6, 1998, Method and apparatus for automatically generating hierarchical categories from large document collections; Shivakumar Vaithyanathan, et al., 707/2, 5, 7, 8 [IMAGE AVAILABLE]

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L7 44 S L6 AND FOLDER  
L8 7 S L7 AND INDEX  
L9 2 S L8 AND ATTRIBUTE  
L10 12 S (DOCUMENT HIERARCHY)  
L11 1 S L10 AND FOLDER

=> d 110 1-2

1. 5,848,386, Dec. 8, 1998, Method and system for translating documents using different translation resources for different portions of the documents; Tetsuro Motoyama, 704/5; 707/513 [IMAGE AVAILABLE]

2. 5,751,287, May 12, 1998, System for organizing document icons with suggestions, folders, drawers, and cabinets; Samuel S. Hahn, et al., 345/351 [IMAGE AVAILABLE]

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3. 5,717,922, Feb. 10, 1998, Method and system for management of logical links between document elements during document interchange; Reinhard Heinrich Hohensee, et al., 707/100, 102 [IMAGE AVAILABLE]

4. 5,649,192, Jul. 15, 1997, Self-organized information storage system; Robert Bruce Stucky, 707/103, 101, 530, 533, 540 [IMAGE AVAILABLE]

5. 5,511,193, Apr. 23, 1996, Text services manager providing multiple instances of input methods for text language processing and automatic synchronization between methods; Kenny S. C. Tung, et al., 395/682; 364/280, 286, DIG.1 [IMAGE AVAILABLE]

6. 5,293,473, Mar. 8, 1994, System and method for editing a structured document to modify emphasis characteristics, including emphasis menu feature; Eric M. Hesse, et al., 707/529; 345/352; 364/943, 943.1, 943.43, DIG.2; 707/513, 523 [IMAGE AVAILABLE]

7. 5,276,793, Jan. 4, 1994, System and method for editing a structured document to preserve the intended appearance of document elements; Kenneth W. Borgendale, et al., 707/513, 514, 523, 530 [IMAGE AVAILABLE]

8. 5,185,698, Feb. 9, 1993, Technique for contracting element marks in a structured document; Eric M. Hesse, et al., 707/531, 513 [IMAGE AVAILABLE]

9. 5,142,674, Aug. 25, 1992, Interchange object data base index which

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=> s 112 and folder?

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=> d 112 1-5

1. 5,751,287, May 12, 1998, System for organizing document icons with suggestions, folders, drawers, and cabinets; Samuel S. Hahn, et al., 345/351 [IMAGE AVAILABLE]
2. 5,717,922, Feb. 10, 1998, Method and system for management of logical links between document elements during document interchange; Reinhard Heinrich Hohensee, et al., 707/100, 102 [IMAGE AVAILABLE]
3. 5,649,192, Jul. 15, 1997, Self-organized information storage system; Robert Bruce Stucky, 707/103, 101, 530, 533, 540 [IMAGE AVAILABLE]
4. 5,276,793, Jan. 4, 1994, System and method for editing a structured document to preserve the intended appearance of document elements; Kenneth W. Borgendale, et al., 707/513, 514, 523, 530 [IMAGE AVAILABLE]
5. 5,142,674, Aug. 25, 1992, Interchange object data base **index** which eliminates the need for private copies of interchange documents files by a plurality of application programs; Barbara A. Barker, et al., 707/10; 364/242.3, 242.94, 282.1, 282.3, 282.4, DIG.1; 707/104 [IMAGE AVAILABLE]

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1. 5,751,287, May 12, 1998, System for organizing document icons with suggestions, **folders**, drawers, and cabinets; Samuel S. Hahn, et al., 345/351 [IMAGE AVAILABLE]

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L1 29 S DIGITAL LIBRARY  
L2 18 S L1 AND INDEX?  
L3 9 S L2 AND ATTRIBUTE  
L4 9 S L3 AND DATA  
L5 5 S L4 AND ELECTRONIC  
L6 1 S L5 AND FOLDER

=> d 11 1-29

1. 5,875,448, Feb. 23, 1999, Data stream editing system including a hand-held voice-editing apparatus having a position-finding enunciator; Donald R. Boys, et al., 707/531; 345/302; 704/201, 235, 260, 278 [IMAGE AVAILABLE]
2. 5,873,080, Feb. 16, 1999, Using multiple search engines to search multimedia data; Anni Rosa Coden, et al., 707/3, 4, 5, 6, 102, 104 [IMAGE AVAILABLE]
3. 5,867,494, Feb. 2, 1999, System, method and article of manufacture with integrated video conferencing billing in a communication system architecture; Sridhar Krishnaswamy, et al., 370/352, 389, 392; 379/90.01, 93.07, 114 [IMAGE AVAILABLE]
4. 5,857,203, Jan. 5, 1999, Method and apparatus for dividing, mapping and storing large digital objects in a client/server library system; Steven Victor Kauffman, et al., 707/200, 10, 103 [IMAGE AVAILABLE]
5. 5,852,435, Dec. 22, 1998, Digital multimedia editing and data management system; Stevan Vigneaux, et al., 345/302, 202, 433; 348/384; 370/229 [IMAGE AVAILABLE]
6. 5,835,667, Nov. 10, 1998, Method and apparatus for creating a searchable digital video library and a system and method of using such a library; Howard D. Wactlar, et al., 386/96, 97, 106 [IMAGE AVAILABLE]
7. 5,832,499, Nov. 3, 1998, **Digital library** system; Samuel Gustman, 707/103, 1, 3 [IMAGE AVAILABLE]
8. 5,832,480, Nov. 3, 1998, Using canonical forms to develop a dictionary of names in a text; Roy Jefferson Byrd, Jr., et al., 707/5; 704/2, 8, 9, 10; 707/1, 532, 536 [IMAGE AVAILABLE]
9. 5,825,883, Oct. 20, 1998, Method and apparatus that accounts for usage of digital applications; William Charles Archibald, et al., 380/25, 4, 23, 24, 49, 50; 705/1, 30 [IMAGE AVAILABLE]
10. 5,823,334, Oct. 20, 1998, Compact disc high friction bottom coaster; Chandra D. Giovanni, 206/308.1, 309; 220/632 [IMAGE AVAILABLE]
11. 5,806,061, Sep. 8, 1998, Method for cost-based optimization over

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| L6  | 1 S L5 AND FOLDER                 |
| L7  | 29 S (DIGITAL LIBRARY)            |
| L8  | 29 S (DIGITAL? LIBRARY?)          |
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| L11 | 38 S L10 AND INDEX?               |
| L12 | 0 S L11 AND ATTRIBUTE? DATA       |
| L13 | 4 S L11 AND ATTRIBUTE             |
| L14 | 4 S L13 AND DATA                  |
| L15 | 2 S L14 AND ELECTRONIC            |
| L16 | 0 S L15 AND FOLDER?               |
| L17 | 0 S L10 AND (ELECTRONIC? FOLDER?) |
| L18 | 2 S L13 AND ELECTRONIC            |
| L19 | 2 S L18 AND DATA                  |
| L20 | 0 S L19 AND FOLDER                |
| L21 | 534 S (ELECTRONIC DOCUMENT)       |
| L22 | 165 S L21 AND MANAGEMENT          |
| L23 | 67 S L22 AND INDEX?               |
| L24 | 0 S L23 AND (ATTRIBUT? DATA?)     |
| L25 | 0 S L23 AND ATTRIBUTE DATA        |
| L26 | 44 S L21 AND FOLDER               |
| L27 | 2 S L26 AND ATTRIBUTE DATA        |
| L28 | 2 S L27 AND FIELD                 |
| L29 | 0 S L28 AND INDEX?                |

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1. 5,867,712, Feb. 2, 1999, Single chip integrated circuit system architecture for document instruction set computing; Venson M. Shaw, et al., 395/704 [IMAGE AVAILABLE]
2. 5,867,597, Feb. 2, 1999, High-speed retrieval by example; Mark Peairs, et al., 382/209, 224, 229 [IMAGE AVAILABLE]
3. 5,867,578, Feb. 2, 1999, Adaptive multi-step digital signature system and method of operation thereof; Ernest F. Brickell, et al., 380/23, 30 [IMAGE AVAILABLE]
4. 5,864,871, Jan. 26, 1999, Information delivery system and method including on-line entitlements; Eduard Kitain, et al., 707/104, 9, 10 [IMAGE AVAILABLE]
5. 5,864,855, Jan. 26, 1999, Parallel document clustering process; Anthony S. Ruocco, et al., 707/10, 5, 6 [IMAGE AVAILABLE]